Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 02 Sep 2023 until 23:59 on Sunday 03 Sep 2023

Forecast Issued on Saturday 02 Sep 2023 at 00:09

Confidence: High confidence for a trend towards warmer and more settled, sunny weather in the coming days. Moderate for morning mist, fog and low cloud extent and duration.

Headline for Saturday 02 Sep 2023: Mist, fog and low cloud clearing to become widely fine and rather sunny.

Mountain weather hazards on Saturday 02 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Clear night
Precipitation probability					
20%	10%	10%	10%	<05%	00%

Forecast for Saturday 02 Sep 2023

Weather: Extensive low cloud, mist and upslope fog at first, this most dense on eastern slopes with a slight chance of early drizzle. A few breaks in the cloud west of high ground are likely. Cloud lifting and breaking during the morning, leaving good afternoon sunny spells and the chance of an isolated light shower. Dry and largely clear into the evening, perhaps with some valley mist and fog forming towards midnight. Feeling warm with light winds.

Chance of cloud-free hill tops above 600m: 20% in the east, 50% in the west at first. Becoming 100% by late morning.

Low cloud and visibility: Widespread low cloud at first, especially in the east with bases 100-300m, perhaps with some valley fog patches. Cloud lifting and breaking, expected to become clear of summits by late morning. Generally good air clarity once any early fog/low cloud lifts and breaks, with very good visibility. Visibility very poor in low cloud covering the hills, however.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Saturday 02 Sep 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/10 E	7/9 E	5/7 SE	4/7 SW	3/5 SE	4/6 S	8/11 S
300	4/9 E	4/7 E	4/6 SE	4/7 SW	3/4 S	3/4 S	6/8 S
Valley	5/11 NE	6/9 E	3/5 S	3/6 SW	3/5 S	4/6 SE	4/8 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/10	12/11	15/14	16/16	16/16	15/14	14/12
300	14/13	16/16	17/18	19/19	19/19	17/17	16/15
Valley	13/13	17/16	18/19	20/20	19/20	16/16	15/14
Freezing Level*	2500m	2500m	2500m	2500m	2500m	2400m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A day of two halves, with difficult navigation at first, especially in the east until cloud lifts clear of summits. Thereafter, feeling warm with moderate UV levels expected, so sun protection and adequate hydration are advised.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 02 Sep 2023	0mm	0mm	0mm

Forecast for Sunday 03 Sep 2023

Weather: Some early mist and fog patches are likely in valleys, perhaps with some low cloud on western slopes at first. This should lift and clear by mid-morning, leaving a warm, dry day with prolonged hazy sunshine.

Maximum wind: West or southwest 10-15mph, gust 15-20mph.

Chance of cloud-free hill tops above 600m: 60% at first, becoming 100% by mid-morning.

Low cloud and visibility: Areas of mist or fog at first in some valleys, with some low cloud on western slopes, base 300-400m, giving very poor visibility but quickly clearing. Otherwise, likely clear views of distant hills throughout.

Temperature: **Valleys:** Plus 12 Celsius increasing Plus 23 Celsius.
At 600m: Plus 16 Celsius.
Freezing level: Above summits.

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